



OptiViro® CHO

CE01 Basal Medium SF
CA01α / CA01β Feed Medium SF

Product Overview

OptiVibro® CHO CE01 Basal Medium SF and OptiVibro® CHO CA01α/CA01β Feed Medium SF both are animal component-free, protein-free, chemically defined medium. The medium is specially designed to offer high cell density and achieve high protein expression with Chinese hamster ovary (CHO) cells, which also designed for large-scale culture applications.

Product Features

- Chemically defined, protein-free, animal-component free
- Support high yield for multiple types of CHO cells
- Enhance productivity and quality
- Stable supply, GMP manufactured
- Provide customized service, optimize your medium to fit workflow needs



OptiVibro® CHO Medium SF ,Energizing cells with brilliant productivity



Suitable cells

CHO-K1
CHO-DG44
and CHO-S

Purpose

High efficiency expansion of cells and high yield for recombinant protein



Basal Medium

OptiVibro® CHO CE01 Basal Medium SF

Basal

Used for cell cryopreservation, seed amplification, batch and fed-batch culture



Feed Medium

OptiVibro® CHO CA01α /CA01β Feed Medium SF

Feed

Fed-batch culture

Product Data

Batch culture

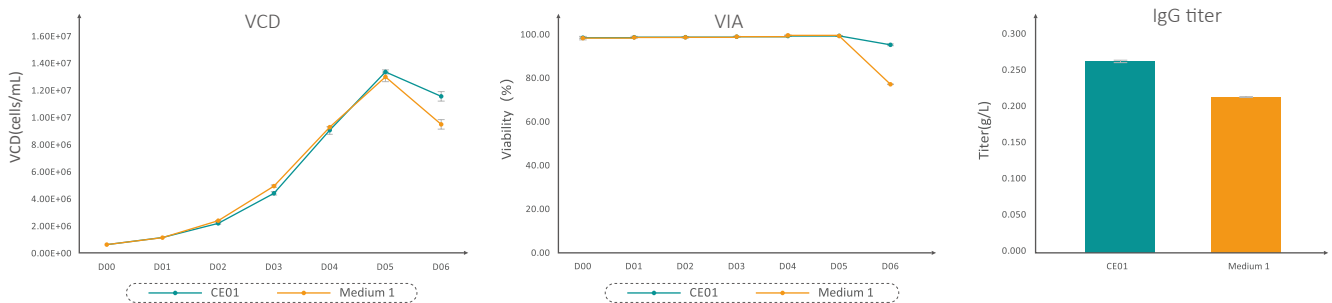


Figure 1. Cell viability, density and IgG titer of OptiVibro® CE01 and Medium 1 cultured in batch culture for 6 days
Cell line: CHO-K1

Fed-batch culture

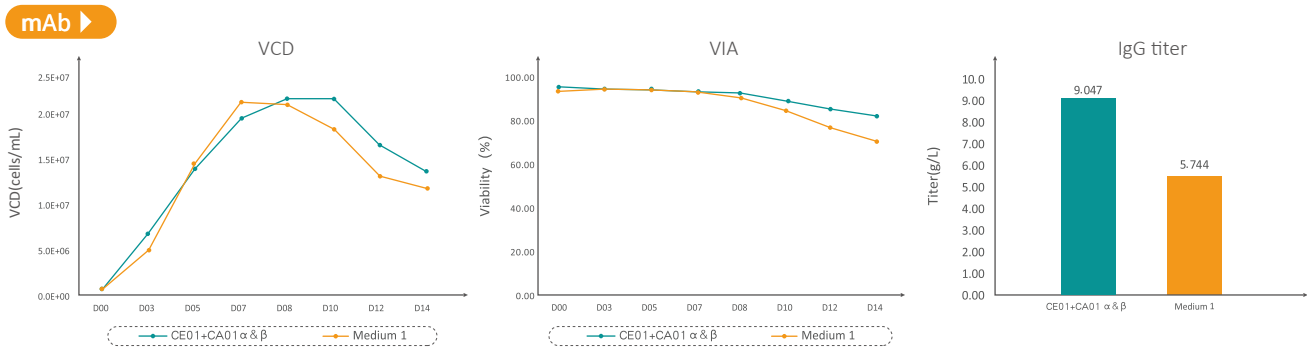


Figure 2. OptiVibro® CE01 matched with feed CA01 can compare favourably with world-class medium, supports persistent cell survival and high level expression of mAb (9.047 g/L)

Cell line: CHO-K1.

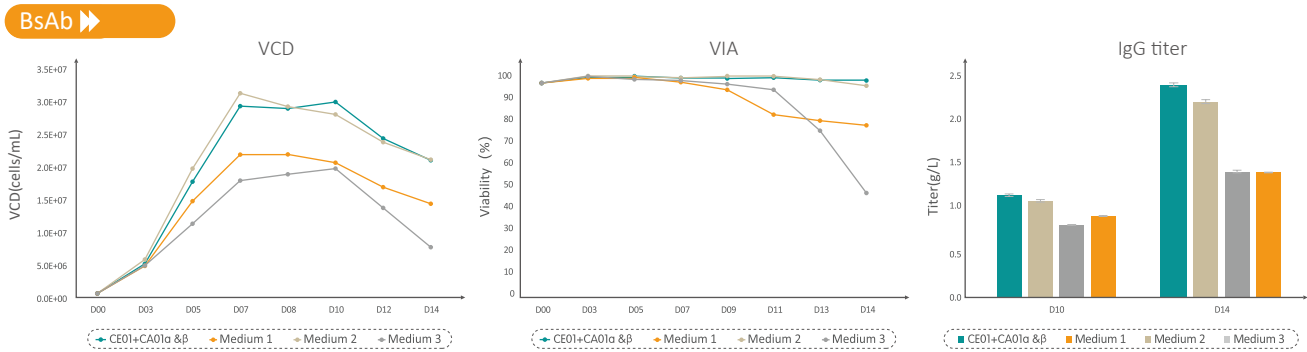


Figure 3. OptiVibro® CE01 matched with feed CA01 can compare favourably with world-class medium, supports persistent cell survival and high level expression of BsAb (2.4 g/L)

Cell line: CHO-K1.

Product Information

Product	Catalog No.	Amount	Shelf life
Basal Medium CE01	CE000-N031	500 mL Liquid	2-8 °C Store dark
	CE000-N032	1 L Liquid	
	CE000-N033	1 L Powder	
	CE000-N034	10 L Powder	
	CE000-N035	100 L Powder	
Feed Medium CA01 α	CA000-N011	1 L	2-8 °C Store dark
	CA000-N012	10 L	
	CA000-N013	100 L	
Feed Medium CA01 β	CA000-N021	0.5 L	2-8 °C Store dark
	CA000-N022	1 L	
	CA000-N023	5 L	
	CA000-N024	10 L	

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